

CLAIMS:-

1. A plastics assembly for a viscous liquid dispenser, said assembly comprising an outer cover disc mated with a thin inner nozzle disc, said cover disc being dimensioned to be retained at a first end of a cylindrical tube of said viscous liquid to seal said tube prior to dispensing commencing and having a frangible cover formed therein, said nozzle disc having an outer rim dimensioned to be received in the interior of said cover disc, and said thin nozzle disc having at least one nozzle aperture formed therein, said nozzle aperture being covered by said frangible cover.
2. The assembly according to claim 1 wherein said nozzle disc is dimensioned to closely receive a forcing disc whereby a small abutment gap is formed between said nozzle disc and said forcing disc when said forcing disc is pushed towards said nozzle disc to thereby leave a minimum of said viscous liquid in said dispenser.
3. The assembly according to claim 1 or 2 wherein said cover disc is provided with a substantially cylindrical side wall having at least one annular bead, and an annular end flange which protrudes beyond said side wall.
4. The assembly according to claim 3 wherein said side wall tapers away from said end flange.
5. The assembly according to any one of claims 1 to 4 wherein said frangible cover is provided with a finger engagement means to permit said cover to be pulled from said cover disc and thereby expose said at least one nozzle aperture.
6. A plastics forcing disc for a viscous liquid dispenser, said disc having a substantially cylindrical side wall with an annular end flange thereon to abut against the cylindrical wall of a liquid containing tube having first and second ends, whereby prior to dispensing commencing said disc covers and seals said second tube end, said end flange being provided with a plurality of spaced apart locations of weakness whereby a sufficient axial force applied to said forcing disc distorts said end flange sufficiently for said forcing disc to travel down the interior of said tube towards said first end thereof.

7. The forcing disc according to claim 6 wherein said side wall thereof is stepped having a forward portion of smaller diameter dimensioned to pass into the side wall of the abovementioned nozzle disc.
8. The forcing disc according to claim 6 or 7 and including a plurality of stiffening ribs.
9. The forcing disc according to claim 8 wherein said ribs are radially arranged and have a uniform depth whereby a pushing plate of a dispensing gun can bear against said ribs.
10. The forcing disc according to claim 9 wherein said ribs extend along said side wall but not so far as said end flange thereof.
11. A viscous liquid dispenser comprising a tube having first and second ends and having said nozzle assembly as defined in any one of claims 1 to 5 sealing said first end and said forcing disc as defined in any one of claims 6 to 10 sealing said second end.
12. In combination, said viscous liquid dispenser as defined in paragraph 11 when mounted in a dispensing gun having a pushing plate which bears against said forcing disc.